



ORT1448.ST25.txt
SEQUENCE LISTING

6/21/04
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<110> Qin, Ning
Codd, Ellen
D'Andrea, Michael

<120> HUMAN VOLTAGE GATED SODIUM CHANNEL BETA 1A SUBUNIT AND METHODS OF
USE
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<140> 09/875,456
<141> 2001-06-06
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 Glu Glu Phe Val Lys Ile Leu Arg Tyr Glu Asn Glu Val Leu Gln Leu
 65 70 75 80
 Glu Glu Asp Glu Arg Phe Glu Gly Arg Val Val Trp Asn Gly Ser Arg
 85 90 95
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 Tyr Asn His Ser Gly Asp Tyr Glu Cys His Val Tyr Arg Leu Leu Phe
 115 120 125
 Phe Glu Asn Tyr Glu His Asn Thr Ser Val Val Lys Lys Ile His Ile
 130 135 140
 Glu Val Val Asp Lys Gly Glu Ser Gly Ala Ala Cys Pro Phe Thr Val
 145 150 155 160
 Thr His Arg Arg Ala Arg Trp Arg Asp Arg Trp Gln Ala Val Asp Arg
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 195 200 205
 Phe Leu Ser Ser Pro Arg Arg Gly Gln Ser Met Pro Val Pro His Arg
 210 215 220
 Arg Ser Gly Tyr Arg Thr Gln Leu Cys His Leu Cys Cys Met Thr Ser
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 65 70 75 80
 Glu Glu Asp Glu Arg Phe Glu Gly Arg Val Val Trp Asn Gly Ser Arg
 85 90 95
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 Tyr Asn His Ser Gly Asp Tyr Glu Cys His Val Tyr Arg Leu Leu Phe
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 Phe Asp Asn Tyr Glu His Asn Thr Ser Val Val Lys Lys Ile His Leu
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 165 170 175
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 Val Leu Glu Thr Ser Ala Leu Gln His Thr Gly Gly Gln Ile Arg Thr
 195 200 205
 Pro Thr Pro Pro Pro Thr Asn Gly Met Cys Ile Gly Leu His Ser Cys
 210 215 220
 Cys Val Thr Ser Asp Gly Cys Ile Pro Ile Ser Glu Pro Gln Ala Cys
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 Glu Glu Phe Val Lys Ile Leu Arg Tyr Glu Asn Glu Val Leu Gln Leu
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 Glu Glu Asp Glu Arg Phe Glu Gly Arg Val Val Trp Asn Gly Ser Arg
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 Gly Thr Lys Asp Leu Gln Asp Leu Ser Ile Phe Ile Thr Asn Val Thr
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 Tyr Asn His Ser Gly Asp Tyr Glu Cys His Val Tyr Arg Leu Leu Phe
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 Phe Glu Asn Tyr Glu His Asn Thr Ser Val Val Lys Lys Ile His Ile
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 Glu Val Val Asp Lys Ala Asn Arg Asp Met Ala Ser Ile Val Ser Glu
 145 150 155 160
 Ile Met Met Tyr Val Leu Ile Val Val Leu Thr Ile Trp Leu Val Ala
 165 170 175
 Glu Met Ile Tyr Cys Tyr Lys Lys Ile Ala Ala Ala Thr Glu Thr Ala
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Glu Asn Cys Thr Gly Val Gln Val Ala Glu
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